

IN THE CLAIMS:

1-19 (Canceled).

20. (Currently amended) A method of detecting and identifying markers indicative of early stage cancer by:

differentially biopanning sera obtained from a normal individual and patients with cancer against epitope-expressing phage display libraries expressing cDNA of genes expressed by cancer cells;

obtaining from epitope bearing clones displaying reactivity to antibodies present in sera of patients with early stage cancer but not in sera of normal individuals;

identifying all epitopes that are specific to early stage cancer as markers indicative of early stage cancer; and

including all epitopes identified as markers in a microarray assay designed to detect early stage cancer.